

CLAIMS:

sub. a2
1. An alarm system comprising a cable between an alarm
panel and an event sensor, the cable comprising two
5 conductors, and circuitry associated with said conductors
for providing current to the event sensor and detecting
changes in said current to indicate tampering at the
sensor, severing of the cable and/or an event detected by
the sensor.

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2. The alarm system of Claim 1 wherein said circuitry
is located in a housing from which the two-conductor cable
extends and providing a short six-conductor cable for
connection to an existing alarm control panel.

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3. The alarm system of Claim 2 wherein shorting of the
cable provides a maximum current state, an event detection
by the sensor provides a medium current state, normal
operating conditions provide a low current state, a
20 severed cable or tampering with the event sensor provides
a very low or no current state in said conductors, and
said circuitry reacts to the current state of the
conductors to provide appropriate conditions to each
conductor of said six-conductor cable for recognition by
25 said alarm control panel.